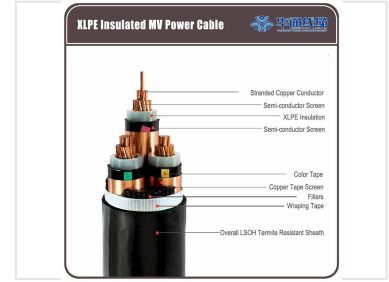


# 33kV XLPE Insulated Power Cable

This XLPE insulated MV armored power cable is designed for medium voltage power transmission and distribution. The cable features a compact stranded BC conductor, XLPE insulation, and steel wire armor for mechanical protection.



## ADDITIONAL IMAGES



## Overview

### High-Performance Medium Voltage Power Distribution

This medium voltage, 3-core armored power cable is engineered for reliable power transmission and distribution in systems up to 35kV. Designed to replace traditional oil-immersed paper insulated cables, it offers superior durability for power networks, underground, outdoor, and ducting applications. Its robust construction ensures consistent performance in demanding environments like construction, mining, and petrochemical industries.

## Technical Specifications

### Standards Compliance

- BS 6622
- BS EN/IEC 60228
- IEC 60502.2
- BS 7655

|                               |                                            |
|-------------------------------|--------------------------------------------|
| Rated Voltage                 | 3.6/6kV, 6/10kV, 12/20kV, 19/33kV, 26/35kV |
| Max Operating Temperature     | 90 °C                                      |
| Max Short-Circuit Temperature | 250 °C                                     |

## Construction Details

### Cable Construction Layers

| Layer                  | Material                        |
|------------------------|---------------------------------|
| Conductor              | Stranded Plain Copper (Class 2) |
| Insulation             | XLPE (Type GP8)                 |
| Armoring (MultiCore)   | Steel Wire Armored (SWA)        |
| Armoring (Single Core) | Aluminum Wire Armored (AWA)     |
| Sheath                 | PVC (Type TM1)                  |
| Filler                 | PET Fibres                      |

## Performance & Testing

### Partial Discharge Limit

**10 pC**

Discharge Volume

Min. Bending Radius (Fixed)

15 x OD